



**Program of Study**  
**Career Field: Industrial, Manufacturing, and Engineering Systems**  
**Career Cluster: Architecture and Construction**  
**Career Pathway: Construction**



**Southeast Community College**

DEGREE:  
 Building Construction Technology  
<http://www.southeast.edu/programs/CNST/default.aspx>

	GRADE	ENGLISH	MATH	SCIENCE	SOCIAL STUDIES	GENERAL ELECTIVES		PATHWAY ELECTIVE COURSES		EXTENDED LEARNING SCHOOL/COMMUNITY ACTIVITIES	
HIGH SCHOOL	9	English/Language Arts I	Algebra I	Physical Science	Geography	World Languages & Cultures Physical Education Health Education Information Technology Applications IEntrepreneurship CAD (Computer Aided Drafting) Construction Drafting Housing and Home Furnishings Manufacturing/Woodworking		Intro to the Built Environment  <i>Plus two from the following list:</i> Principles of Construction Applications in Construction Electricity in the Construction Industry Electricity - Comprehensive		<i>School Activities:</i> SkillsUSA, OPPD/NPPD Power Drive, FFA, Math Club, MATHCOUNTS  <i>Community Activities:</i> Do home repair projects, Learn about history of the buildings in your community, Work with a contractor, Part-time employment available within this career cluster, Internships available within this career cluster	
	10	English/Language Arts II	Geometry	Biology	World History						
	11	English/Language Arts III	Algebra II	Chemistry	American History						
	12	English/Language Arts IV	Intro to Statistics Descrete Math Pre-Calc	Physics	American Government or Economcis						
SOUTHEAST COMMUNITY COLLEGE		COMMUNICATIONS	MATH/SCIENCE	SOCIAL SCI/HUMANITIES	COMPUTER TECHNOLOGY	FOCUS COURSES					
	13 and 14	Public Speaking	Business Mathematics	Personal Finance	Microsoft Applications	Concrete & Masonry Tools & Materials	Concrete & Masonry Applications	Residential Blueprint Reading	Construction Processes & Practices	Tools & Materials	Residential Construction Drafting Lab
		Written Communications				Residential Construction Drafting Theory	Residential Construction Estimating Lab	Residential Construction Estimating Theory	Drafting Aids & Trends	Cabinetry and Carpentry Laboratory	Carpentry Theory
						Residential Construction Applications	Residential Construction Principles	Building Construction Welding	Commercial Construction Drafting Lab	Commercial Construction Estimating Lab	Commercial Construction Drafting Theory
						Commercial Construction Estimating Theory	Fundamentals of Structural Steel	Personal Finance			